

47/A J.R.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Seiji ISHIKAWA and Takayuki KIKUCHI

2/12/02

Filed: Concurrently Herewith

For: ANGULAR VELOCITY MEASURING APPARATUS

Box Patent Application
Assistant Commissioner for Patents
Washington DC 20231

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to the Box Patent Application, Assistant Commissioner for Patents, Washington D.C. 20231 on September 18, 2001 under "EXPRESS MAIL" mailing label number EL872659956US.

Elizabeth A. VanAntwerp
Elizabeth A. VanAntwerp

PRELIMINARY AMENDMENT

Sir:

Prior to examination, Applicants wish to amend the subject application as follows:

In the Claims:

Please rewrite claims 16 and 21 as follows:

A 1
16. (Amended) The angular velocity measuring apparatus according to claim 8, wherein said ceramic circuit board includes step portions formed in a surface facing said vibration element to protrude toward the vibration element, and said vibration element is connected to said step portions of said ceramic circuit board by means of bonding wires.

A 2
21. (Amended) The angular velocity measuring apparatus according to claim 1, wherein an ambient temperature of said vibration element is controlled by utilizing a heat generated by said semiconductor integrated circuit chip.